Student ID :	33104824		Applied Session:		1	
Task	**Item**	**Attempted**	**Issue?**	**Mark**	**SubTotal**
Task 1	**Boolean Expression**				
	an int variable n is declared	☑	☐	0.5	
	...and appropriate variables used are declared correctly (eg. variable for expression..etc)	☑	☐	2	
	a boolean expression exist to evaluate the range of 1 to 100 inclusive	☑	☐	1	
	a boolean expression exist to evaluate the range of 40 to 50 inclusive	☑	☐	1	
	...and appropriate expression to evaluate not an even integer	☑	☐	1	
	Combine all boolean expression above to evaluate correctly.	☑	☑	0	
	At least five (5) sensible test values are used to test the expression	☑	☑	2.5	
	...and each of the expression are appropriately printed individually	☑	☐	5	13
Task 2	**Variable Swapping**				
	Two (2) boolean variables are declared and initialised with appropriate values (false & true)	☑	☐	1	
	Declare another variable for swapping purpose	☑	☐	1	
	Print using System.out.println() before swap	☑	☐	1	
	Variables values are swapped using a third variable	☑	☐	3	
	Print using System.out.println() after swap	☑	☐	1	7
Task 3	**Land Area Measurement**				
	Appropriate variables are declared for `alpha`,`beta` and `height`	☑	☐	1.5	
	Appropriate variables and expression to convert angle to radians	☑	☐	2	
	Appropriate variables declared for `distance` and expression for calculation	☑	☐	1	
	Appropriate variables declared for `width` and expression for calculation	☑	☐	1	
	Appropriate variables declared for `area` and expression for calculation	☑	☐	1	
	Appropriate variables declared for `noOfStoneSlabs` and expression for calculation	☑	☐	1.5	
	Result are rounded using `Math.ceil()` and print using `System.out.Println()`	☑	☐	2	10
	Bitwise Operator				
	A Scanner class instances are declared and initialised with `System.in` as input	☑	☐	1	
	Appropriate variables are declared for x and y	☑	☐	1	
Task 4	...and get input from `System.in`	☑	☐	1	
	Compute result using `bitwise and (&)` and print using `System.out.println()`	☑	☐	1	
	Compute result using `bitwise exclusive or (^)` and print using `System.out.println()`	☑	☐	1	
	Explanation demonstrate understanding of bitwise operators as inline comment	☑	☐	4	9
	Pythagoras Theorem				
	return type declared as `double` in the method shell	☑	☐	1	
	..with **pythagorasTheorem** as method name (lowerCamelcase)	☑	☐	1	
Task 5	..and takes in 2 formal parameter, a and b as `double` data type	☑	☐	1	
	Appropriate variables declared and expression for calculation using `Math.sqrt()`	☑	☐	2	
	...and print out result using `System.out.println()`	☑	☐	1	
	...and `return` statement exist to output result outside the method and tested in the main class	☑	☐	1	7
Code Readability	Codes are indented correctly	☑	☐	2	
	Parenthesis / Brackets is consistent (Allman or K&R style)	☑	☐	2	
	Effective use of white space	☑	☐	1	5
Code Dev & Doc	Codes have meaningful variable names	☑	☐	1	
	Codes demonstrates correct syntax usage	☑	☐	1	
	Code demonstrate correct method shell	☑	☐	1	
	Code documentation / inline comment are thorough and in detail	☑	☐	2	5
Interview	Complete or only trivial omissions. Student is confident when answering questions about their code.			HD	100%
				Out of 60	**Total**	**56**